REGISTRATION OF PATENT AGENTS

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

12th April, 1984

239/Cal/84 American Can Company. A weld quality measuring device for a welder of the pulse resistance type. [Divisional date 16th June 1981].

240/Cal/84 Werzalit-Werke, J. F. Werz KG. Power press for the manufacture of profiled bodies.

16th April, 1984

241/Cal/84 Ranendra Nath Das. Speed reduction gearing system employing an universe solar system over reversible work done method.

242/Cal/84 Brown, Boveri & Cie Aktiengesellschaft. Single-Phase Compensating Choke.

243/Cal/84 Vyskumny Ustav Chemickych Vlaken. Cigarette Filters and method of manufacturing same.

17th April, 1984

244/Cal/84 Veb Kombinat Polygraph "Werner Lamberz" Leipzig. Printing plate carrier for a rotary printing machine. (2nd February, 1984).

18th April, 1984

245/Cal/84 Abdul Latif. Improvements in or relating to cylinder and pin Tumbler Locks.

246/Cal/84 Amrotex A/G. Thin walled shaped body and method of producing same.

247/Cal/84 Combustion Engineering, Inc. Method and apparatus for preventing erosion of coal buckets.

248/Cal/84 Veb Kombinat Polygraph "Werner Lamberz" Leipzig. Printing plate carrier for a rotary printing machine. (2nd February, 1984).

249/Cal/84 Combustion Engineering, Inc. Support for in-bed heat exchanger.

250/Cal/84 The Jacobs Manufacturing Company. Engine Retarding system and method utilizing such system for an internal combustion engine.

251/Cal/84 The Jacobs Manufacturing Company. Compression Release Engine retarder for multi-cylinder internal combustion Engines. (17th November, 1983).

APPLICATIONS FOR PATENTS FIELD AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

26th March, 1984

197/Mas/84 I. Stanly. A process for the manufacture of an improved laundry soap. (Additional to Patent No. 243/MAS/82).

198/Mas/84 I. Stanly. A process for the manufacture of an improved synthetic detergent soap bar. (Additional to Application No. 244/Mas/82).

199/Mas/84 Donald Maxwell CULLEY. A Vibration Damper.

200/Mas/84 Autochem. Process for the decomposition of a complex of orthobenzoyl-benzoic acid, hydrogen fluoride and boron trifluoride.

201/Mas/84 Me Electric Limited. Terminals.

27th March, 1984

202/Mas/84 SKF Steel Engineering Aktiebolag. Method and arrangement for increasing the blast temperature for a shaft furnace.

28th March, 1984

203/Mas/84 The Dow Chemical Company. Agricultural compositions, methods of preparing agricultural compositions. (March 30, 1983).

204/Mas/84 J & D Oram Limited. Lamp. (March 29, 1983).

205/Mas/84 Fives-Cail Babcock. Oscillating Torret for Armoured Vehicles.

206/Mas/84 Union Carbide Corporation. Preparation of low density, low modulus ethylene copolymers in a fluidized bed.

207/Mas/84 Union Carbide Corporation. Ethylene Polymerization using supported vanadium catalyst.

29th March, 1984

208/Mas/84 SKF Steel Engineering AB. Sealing means.

209/Mas/84 Electronics Corporation of India Ltd. A drive mechanism.

210/Mas/84 Electronics Corporation of India Ltd. A cockpit voice recorder.

30th March, 1984

211/Mas/84 N. Prabaharan. Air gun/air rifle/air pistol shooting practice.

212/Mas/84 Lucas Industries Public Limited. Master Cylinder (March 31, 1983).

213/Mas/84 Mysore S. Sathyanarayana & Mysore S. Narayana. Rechargeable lead acid round cells.

214/Mas/84 SKF Steel Engineering Aktiebolag. Method of producing metal from metal oxides.

215/Mas/84 SKF Steel Engineering Aktiebolag. Method of producing reduction gas.

216/Mas/84 SKF Steel Engineering Aktiebolag. Method and apparatus for manufacturing sponge iron

217/Mas/84 SKF Steel Engineering Aktiebolag. Method and plant for conversion of waste material to stable final products.

218/Mas/84 SKF Steel Engineering AB. Method and means for connecting a plasma generator to a reactor.

219/Mas/84 Theodor Hymmen KG. Device for applying surface pressure to advancing workpieces.

220/Mas/84 Normalair-Garrett (Holdings) Limited. Molecular Sieve Type Gas Separation Systems. (March 31, 1983).

221/Mas/84 Normalair-Garrett (Holdings) Limited. Molecular Sieve Type Gas Separation Systems. (June 15, 1983).

222/Mas/84 Rhone-Poulenc Recherches & Institut Merieux. Method of practionating plasma.

31st March, 1984

223/Mas/84 Granulite Limited. Lightweight Aggregate.

224/Mas/84 The Dow Chemical Company. Alkanolamine process for removal of carbon dioxide from industrial gases using copper and an additional inhibitor.

225/Mas/84 Charbonnages De France. Fluidizing apparatus with built-in heat exchanger.

226/Mas/84 ANIC S.p.A. Weed-killing heterocyclic compounds.

ALTERATION OF DATE

152991. (205/Cal/82). Ante dated to 14th February, 1979.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 129 I. 152977

Int. Cl. : B 21 j 15/00.

APPARATUS FOR THE SEQUENTIAL FEEDING OF HEADED FASTENERS.

Applicants : FURMA MANUFACTURING CO., PTY. LTD., OF 802 BOUNDARY ROAD, COOPERS PLAINS, QUEENSLAND 4108, AUSTRALIA.

Inventor : 1. RALPH FUHRMEISTER.

Application No. 254/Cal/81 filed March 9, 1981.

Convention date 10th March, 1980 (PE 2692) and 21st July 1980 (PE 4620) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Apparatus for the sequential feeding of headed fasteners including :

a carrier band of pliable resiliently deformable material with the shanks of fasteners driven in the same direction through apertures equally spaced along the band,

a delivery conduit,

a striker aligned with the entry to the delivery conduit,

means for guiding the carrier band between the striker and the entry to the delivery conduit,

an actuator for engaging fasteners in the carrier band and advancing them to bring each in sequence into alignment with the striker, and

means for moving the striker to drive each of the fasteners bronght into alignment therewith to force the head of the fastener through the band and expel the fastener into the delivery conduit.

Compl. Specn. 10 pages. Drgs. 4 sheets.

CLASS : 32A1. 152978

Int. Cl. : C 09 b 33/00.

PROCESS FOR THE PREPARATION OF WATER-SOLUBLE AZO COMPOUNDS.

Applicants : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

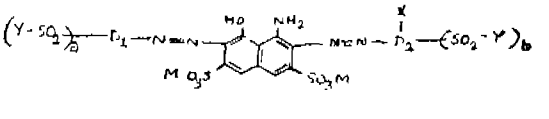
Inventors : 1. ERNST HOYER, 2. FOLKER KOHLHAAS, 3. FRITZ MEININGER.

Application No. 700/Cal/81 filed June 29, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Process for the preparation of the disazo compound which has the general formula (1)



of the accompanying drawing, in which M is hydrogen or the equivalent of a metal, D_1 denotes the benzene or naphthalene nucleus, which apart from the group $Y\text{-}SO_2\text{-}$, can be further substituted by one or two substituents from the group of fluorine, chlorine, bromine, carboxy, alkyl (groups) of 1 to 4 carbon atoms, alkoxy (groups) of 1 to 4 carbon atoms and nitro and/or one, two or three sulfo groups; D_2 denotes the benzene or naphthalene nucleus, which is substituted by the substituent X defined below and which, apart from the group $-SO_2\text{-}Y$, can be further substituted by one or two substituents form the group of carboxyl, alkyl, (groups) of 1 to 4 carbon atoms alkoxy (groups) of 1 to 4 carbon atoms and/or by one substituent form the group of fluorine, chlorine, bromine and nitro and/or one, two or three sulfo groups, and D_1 and D_2 can be identical to or different form one another; X is necessarily bonded to D_2 in ortho-position

annihilating means for annihilating a predetermined number of lattice bubbles in said access means.

Compl. specn. 20 pages. Drgs. 3 sheets.

CLASS : 76 C_6. 152982

Int. Cl. : C 01 b 11/26.

A METHOD FOR THE PRODUCTION OF CHLORINE AND ALKALI METAL HYDROXIDE AND A CHLOR-ALKALI ELECTROLYTIC CELL FOR CARRYING OUT SUCH METHOD.

Applicants : DIAMOND SHAMROCK CORPORATION, AT 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, UNITED STATES OF AMERICA.

Inventor : 1. RONALD LOWRY LABARRE.

Application No. 954/Cal/79 filed September 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

11 Claims

A method for the production of chlorine and alkali metal hydroxide, in a chlor-alkali electrolytic cell having an oxygen cathode characterized by removing carbondioxide from air, adding water vapor to the air, then feeding the air to the oxygen cathode at a positive gauge pressure and a flow rate in excess of that necessary for reaction to produce chlorine and alkali.

Compl. specn. 26 pages. Drgs 2 sheets.

CLASS . 129G. 152983

Int. Cl. : B 23 q 3/00.

CUTTING TOOL ASSEMBLY.

Applicants . SANTRADE LIMITED, OF P.O. BOX 321, CH-6002 LUZERN, SWITZERLAND.

Inventor : 1. KEN GOTTFRID ANDERSSON.

Application No 1038/Cal/79 filed October 9, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

11 Claims

A cutting tool assembly comprising an elongated holder body, and a bar movable in the holder body for clamping a tool element against the holder body, said tool element being provided with a cutting means, characterized in that the tool element is provided with a groove, the opening of said groove facing the bar, said tool element having projections at said opening projecting into said groove from both sides thereof so as to provide the opening with a restricted cross section area, and that the bar is provided with an enlarged portion adjacent to the tool element, said groove being adapted to receive said enlarged portion, said enlarged portion and projections having complementary cam surfaces so that when pulling the tool element against at least one end surface on the holder body by means of the bar the projections are caused to expand in opposite directions, thereby forcing the projections against opposed abutting surfaces on the holder body.

Compl. specn. 11 pages. Drgs. 4 sheets.

CLASS : 32F 152984

Int Cl. : C 08 f 45/28, C 08 h 17/02.

COMPOSITIONS FOR POLYVINYL CHLORIDE RESIN FOAMS.

Applicants : SHIN-ETSU CHEMICAL CO. LTD., OF 6-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. HAJIME KITAMURA, 2. KIYOSHI IMADA, 3. TADASHI HOSAKA, 4. YOSHITSUGU EGUCHI.

Application No. 1168/Cal/79 filed November 9, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

14 Claims

A resin composition expandable into a foamed body by heating which comprised (a) 100 parts by weight of a polyvinyl chloride-based resin having an average degree of polymerization not exceeding 2000 and a pore volume not exceeding 0.20 ml/g and (a) at least 1 par by weight of a volatilizable foaming agent selected from the group consisting of aliphatic hydrocarbon compounds and aliphatic halogenated hydrocarbon compounds having a boiling point not exceeding 90°C and impregnated in said polyvinyl chloride-based resin.

Compl. specn. 74 pages. Drgs. Nil.

CLASS 163B$_8$. 152985

Int. Cl. : F 04 d 11/00.

IMPROVEMENTS IN OR RELATING TO REGENERATIVE ROTODYNAMIC MACHINES.

Applicants : COMPAIR INDUSTRIAL LIMITED, OF P.O. BOX 44, REAVELL WORKS, RANELAGH ROAD, IPSWICH IP2 OAE, ENGLAND.

Inventors : 1. HERBERT SIXSMITH, 2. KEITH THURLOW, 3. GEOFFREY KEITH SOAR, 4. JAMES W. BURTON.

Application No. 1244/Cal/79 filed November 27, 1979.

Convention date 28th November, 1978 (46419/78) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

16 Claims

A regenerative totodynamic machine, comprising a rotary disc-like impeller having a portion adjacent its periphery that extends radially through an annular chamber in the machine casing concentric with the impeller which chamber is wider than the impeller so that an annular side channel is thereby provided in the casing on at least one side of the impeller, the portion of the impeller within the annular chamber being formed, at a position radially inward of the outer peripheral surface of the impeller and at the side where lies said annular side channel, with an annular cavity or recess of substantially D-shaped cross-section in the impeller side wall, a ring of blades being disposed in said D-shaped annular cavity which blades are curved and profiled erodynamic blades each blade having a concave inner surface which leads in the direction of rotation of the blades, and a convex outer surface which trails in the direction of rotation, each blade further having a radial extent less than the radial extent of the cavity or recess so that it does not extend to the radial limits of the recess.

Compl. specn. 15 pages. Drgs. 10 sheets.

CLASS : 27G. 152986

Int. Cl. : E 04 b 2/00.

A BUILDING COMPRISING LOAD-BEARING WALLBOARDS WITH A FRAMEWORK.

Applicants : INA KARIN FIELD, OF BAUMSCHULBOARDS WITH A FRAMEWORK.

Inventor : 1. LLOYD F. FIELD.

Application No. 16/Cal/80 filed January 3, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

32 Claims

A building comprising load-bearing wallboards with a framework, possessing at least two, preferably four stanchions in the wallboards, which at the upper and lower end possess fixing means, in particular bolted or plug-in connectors for connection to foundations, to corresponding stanchions of other wallboards located above or below them, or to roof or stiffening constructions, the interval between the stanchions being preferably about one meter,

characterized in that the building possess at least two mutually facing load-bearing wallboards (50) which are connected, by the means of fixing (60-63) at the lower ends of their stanchions (52-55), to means of fixing (70-73), arranged in two rows, of the foundations (68, 69), and by the means of fixing (56-59), at the upper ends of their stanchions (52-55), if appropriate via the stanchions of additional load-bearing wallboards, to a stiffening construction (74, 75) or roof construction (23, 27).

Compl. specn. 27 pages. Drgs. 8 sheets.

CLASS : 185C. 152987

Int. Cl. : A 23 f 3/00.

PROCESS FOR MAKING TEA PRILLS FROM TEA FINE OR DUST AND AN APPARATUS THEREFOR.

Applicants : LIPTON TEA (INDIA) LIMITED, 9, WESTON STREET, CALCUTTA-700 013, WEST BENGAL, INDIA.

Inventor : 1. AMITAVA MUKHERJEE.

Application No. 354/Cal/80 filed March 27, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

33 Claims

A process for making tea prills from tea fine or dust comprising the steps of feeding tea fine or dust to an agglomerating unit of the kind described, agglomerating said tea fine or dust with water and/or a binder such as herein described, transferring the wet charge into a dryer and reducing the moisture content of said wet charge to a predetermined level.

Compl. specn. 15 pages. Drgs. 1 sheet.

CLASS : 62B. 152988

Int. Cl. : D 01 c 1/02.

A COMPOSITION FOR ADDITION TO JUTE BATCHING OIL/WATER EMULSION AND METHOD FOR UPGRADING AND/OR SOFTENING OF ROOTENDS OF LOW-GRADE JUTE AND ALLIED FIBRES.

Applicants : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-700 053, WEST BENGAL, INDIA.

Inventors : 1. PRATHASARATHI BHATTACHARJEE, 2. UTPAL KUMAR GHOSH, 3. MATISH CHANDRA MAZUMDAR, 4. ASHIMANANDA RAY.

Application No. 1099/Cal/80 filed September 29, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A composition for addition to jute Batching Oil/water emulsion (JBO/Water emulsion) for upgrading and/or rootend softening of low grade jute and allied fibres comprising (i) a swelling agent being a compound selected from the group carbamide, sulphamide, amonium thiocyanate and sodium carbonate, (ii) a wetting/softening agent such as an anionic surfactant, e.g. sodium salt of dodecyl benzene and (iii) trace elements such as compounds of boron, manganese or copper.

Compl. specn. 14 pages. Drgs. Nil.

CLASS : 32F$_{ac}$, 55D$_{a}$. 152989

Int. Cl. : A 01 n 9/00, C 07 c 103/30.

PROCESS FOR PRODUCING N-BENZYLPHENYLACETAMIDE DERIVATIVES, AND THEIR PRODUCTION AND USE.

Applicants : SUMITOMO CHEMICAL COMPANY, LIMITED, OF NO. 15, KITAHAMA 5-CHOME, HIGASHI-KU, OSAKA-SHI, OSAKA-FU, JAPAN.

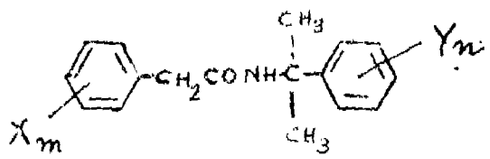
Inventors : 1. OSAMU KIRINO, 2. SHUNICHI HASHIMOTO, 3. HIROSHI MATSUMOTO, 4. HIROMICHI OSHIO.

Application No. 91/Cal/81 filed January 28, 1981.

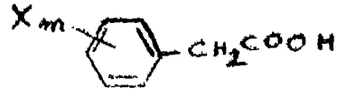
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for producing a compound of the formula I

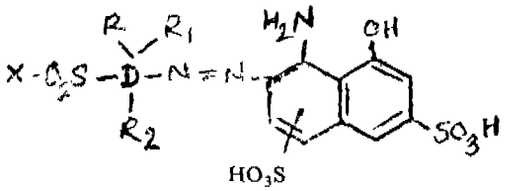


shown in the accompanying drawings, where X and Y, which may be same or different, are each a C_1-C_3 alkyl group, a halogen atom, a trifluoromethyl group, a nitro group or a C_1-C_3 alkoxy group, m is an integer of 0 to 3 and n is an integer of 1 or 2 which comprises reacting a phenylacetic acid derivative of the formula II



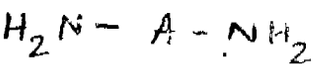
on with each 1 mol of two coupling components of that formula (3),

in the acid PH range, preferably at a PH of from 0 to 4, and coupling the monoazo compound(s) thus formed of the general formula (4)



Formula—4

in which D, R, R_1, R_2 and X are defined as above, when 1 mol of a tetrazotized diamine of the general formula (5),



Formula—5

in which A is defined as above and the bonds from A to the amino groups lead directly from the carbocyclic or heterocyclic rings, in a weakly acid to weakly alkaline PH range, preferably at a PH of from 5.0 to 9.5.

Compl. specn. 42 pages. Drgs. 53 sheets.

CLASS : 113I. **152992**

Int. Cl. : H05b 39/04, 37/02.

"AN ELECTRICAL DIPPER".

Applicant : SURESH JAIN, OF FE-18, MALVIYA INDUSTRIAL AREA, JAIPUR-4, INDIA, AN INDIAN NATIONAL.

Inventor : SURESH JAIN.

Application for patent No. 732/Del/78 filed on 6th October, 1978.

Complete specification left on 5th January, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An electrical dipper for use with the manual dipper of vehicles comprising a sensing element connected to a power source, an amplifier connected to said sensing element, a switching circuit connected to the amplifier, said switching circuit comprising a first and second switch circuit, said first switch circuit connected to a first or dipped head light elements, said second switch circuit connected to a second or full headlight elements of said vehicle, such that on receipt of a signal from the sensing element, the said signal is applied to the amplifier and then applied either of said first or second switch circuit for connecting either the first or second headlight elements to the power source.

Provnl. specn. 4 pages.

Compl. specn. 11 pages. Drg. 2 sheets

CLASS : 39 **152993**

Int. Cl. : G01b 3/00

"INSTRUMENT FOR MEASUREMENT AND VERIFICATION OF LINEAR DIMENSIONS".

Applicant : TESA S.A., A COMPANY ORGANISED UNDER THE LAWS OF THE STATE OF VAUD, SWITZERLAND, OF RUE RUGNON 38, 1020 RENENS, SWITZERLAND.

Inventors : GEORGES TENDI & NICOLAE VOINESCU.

Application for patent No. 443/Del/79 filed on 18th June, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

11 Claims

Instrument for the measurement and verification of linear dimensions comprising a body equipped with a fixed external feeler and a fixed internal feeler, a bar mounted in a slideway in the body and equipped with an external feeler and an internal feeler cooperating with the corresponding fixed feelers of the body, a depth feeler gauge, a locking member for the bar, a measurement transducer interposed between the body and the said feeler members to translate the displacements thereof into measurement values, and at least one device for displaying such values, wherein the depth feeler gauge is displaceably mounted in a second slideway of the body, the external feeler of the bar has a fixed contact member arranged opposite the external feeler of the body and the body includes a feeler rod displaceable in a third slideway which cooperates with the contact member of the external feeler of the bar, at least one selective coupling device being interposed between the movable bar, the depth feeler gauge and feeler rod and a movable member of the transducer, and wherein the display device is provided with a zeroing control.

Compl. specn. 17 pages Drg. 4 sheets.

CLASS : $146D_2$. 152994

Int. Cl. : G 03b 21/00.

"DISPLAY UNITS FOR HEAD UP DISPLAYS".

Applicant : ELLIOTT BROTHERS (LONDON) LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF ENGLAND, OF MARCONI HOUSE, NEW STREET, CHELMSFORD, ESSEX CM1 1PL, ENGLAND.

Inventors : STAFFORD MALCOLM ELLIS.

Application for patent No. 575/DEL/79 filed on 10th August, 1979.

Convention date 15th September, 1978/36942/78 (U.K.)
6th December, 1979/7904094 (U.K.)

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A display unit for a head up display comprising a combiner through which an observer can view a scene and a projector unit having a display surface from which light representing a display is projected onto the combiner for reflection to the observer thereby to provide the observer with an image of the display superimposed on his view through the combiner, characterised in that the combiner has first and second tuned reflective optical coatings each of which intercepts the line of sight of the observer through the combiner and which converge towards one another so as to define a tapering space; the angular relationship of the coatings with one another and with the display surface of the projector unit causing narrow

wave band light from the display surface to be, in turn, transmitted through the first coating, reflected at the second coating, reflected at the first coating and transmitted through the second coating to the observer's viewing position.

Compl. specn. 11 pages. Drgs. 3 sheets.

CLASS : $32F_3(_4)$ & $32F_1$. 152995

Int. Cl. : C 07c 63/08.

"A PROCESS FOR THE PREPARATION OF SUBSTITUTED 2-HYDRAZINOBENZOIC ACIDS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : VANKAYALAPATI KRISHNA RAO, NANDURI BHANUMATHI, AND PRALHAD BALVANTRAO SATTUR.

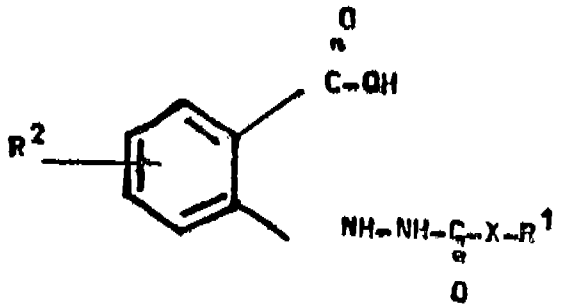
Application for patent No. 587/DEL/79 filed on 17th August, 1979.

Complete Specification left on 14th July, 1980.

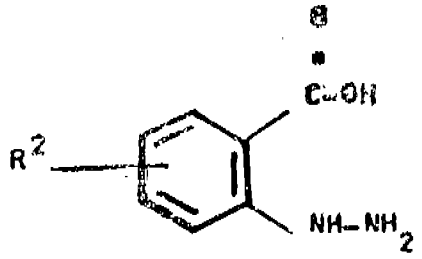
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

3 Claims

A process for the preparation of substituted 2-hydrazinobenzoic acid of formula of Fig. I



comprising reacting a compound of formula II



with a compound of formula of Fig. III

(III)

wherein R1 represents a phenyl or phenoxy group having substituents such as hydrogen, chloro and nitro radicals, R^2 represents hydrogen, chloro, methyl methoxy and nitro radicals, X is nil or an alkyl group with a straight or branched chain with 1 to 4 carbon atoms, and Z represents a halogen such as chlorine, bromine or iodine radical, in the presence of an acid, scavanger agent at a temperature range of 20-60°C.

Provnl. specn. 4 pages.

Compl. specn. 4 pages. Drg. one sheet.

CLASS : 174 A, G. 152996

Int. Cl. : E02d 31/08, F16f 9/00.

"AN IMPROVED RESILIENT ANTI-VIBRATION MOUNTING FOR A MACHINE TO BE FITTED ON A FOUNDATION OR SUPPORTING STRUCTURE".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BINOD KUMAR SINHA, SOMNATH SIL & SUBBARAO RAMCHANDRA.

Application for patent No. 588/Del/79 filed on 17th August, 1979 and post dated to 19th September, 1980.

Complete specification left on 19th September, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

An improved resilient anti-vibration mounting for a machine to be fitted on a foundation or supporting structure comprising a base member, a top member, plurality of helical springs fitted between and holding the two members together, a resilient material in conjunction with the springs, concrete on the top of the top member and a base plate embedded in said concrete, said base plate acting as reinforcement for concrete-cum-base for the machine, the machine being adapted to be fitted on said top member and said base member adapted to be fitted to the foundation.

Compl. specn. 13 pages. Drg. 3 sheets.

CLASS : $32F_3(_4)^*$. 152997

Int. Cl. : C07c 101/50.

"A PROCESS FOR THE PREPARATION OF PHENACYL ANTHRANILATES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : NANDURI BHANUMATHI & PRALHAD BALVANTRAO SATTUR.

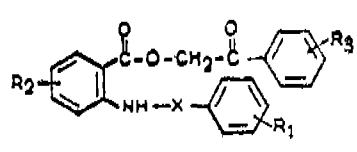
Application for patent No. 590/Del/79 filed on 17th August, 1979.

Complete specification left on 4th November, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-5.

5 Claims

Process for the preparation of phenacyl anthranilates of formula of fig. (I)



6 Claims

Adjusting means for the sector plate sealing members of rotary regenerative heat exchangers, particularly an adjusting means which in response to a thermal deformation of the regenerator body to dish-like shape of the end surfaces of the regenerator body and the corresponding variation of the sealing spaces actuates adjusting linkages of the sealing members by means of a servo device so as to maintain a predetermined sealing space, wherein at least one sensing means is attached to each of said sealing member, adjacent a circumferential metal flange supported by the regenerator body characterized in that the sensing means is provided with an electrically conducting sensing disc (56) which is insulated from the sealing member and is positioned close to the metal flange, in addition to which said sensing disc (56) and said sealing member are electrically connected to a high frequency amplifier (49; 33; 39), which is arranged to amplify control signals indicating variations of capacity appearing in response to variations of the distance between said flange and said sensing disc (56) which control signals are supplied to said servo device for the adjusting of said sealing members (9; 11).

Compl. specn. 10 pages. Drg. 1 sheet.

CLASS- $32F_3(a)$. 153006

Int. Cl. : C 07c 49/68.

"AN IMPROVED PROCESS FOR THE PREPARATION OF ANTHRAQUINONE IN AQUEOUS MEDIUM".

Applicant : PRODUITS CHIMIQUES UGINE KUHLMANN, A FRENCH COMPANY OF TOUR MANHATTAN—LA DEFENSE 2, 5 & 6, PLACE DE l'IRIS, 92400 COURBEVOIE, FRANCE.

Inventors : BERNARD DUBREUX, SERGE YVON DELAVARENNE AND PIERRE TELLIER.

Application for Patent No. 665/DEL/79 filed on 20th September, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

An improved process for the preparation of anthraquinone by blowing air into a suspension of 1, 4, 4a, 9a-tetrahydroanthraquinone in an aqueous alkaline solution, characterized in that the suspension also comprises 1 to 10% by weight of a monofunctional linear or branched aliphatic primary or secondary alcohol containing 2 to 10 carbon atoms.

Compl. specn. 8 pages. Drg. one sheet.

CLASS : 63C. 153007

Int. Cl. : H02k 13/99.

"A FRONTAL COLLECTOR FOR A ROTATING ELECTRICAL MACHINE".

Applicant : SOCIETE DE PARIS ET DU RHONE, A FRENCH LIMITED LIABILITY COMPANY, OF 36 AVENUE JEAN MERMOZ, LYON 8 EME, RHONE, FRANCE.

Inventor : ALFRED BRUNO MAZZORANA.

Application for Patent No. 668/DEL/79 filed on 20th September, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

14 Claims

A frontal collector for a rotating electrical machine, including a plurality of conducting segments and an annular insulating mounting support adapted to hold the segments and permanently moulded into a body of insulating material, each segment having, projecting from its face opposite its active face, an anchoring stud capable of being inserted through an opening of a series of openings made at regular intervals in the insulating mounting support, insulating air gaps being provided between the conducting segments, at least at the part of the segments nearest the active face of the collector.

Compl. specn. 13 pages. Drg. 2 sheets.

CLASS : 99G, H. 153008

Int. Class : B65d 47/04.

"NESTABLE MOULDED PLASTIC POURING SPOUT ASSEMBLY".

Applicant : AMERICAN FLANGE & MANUFACTURING CO. INC., of 1100 West Blancke Street, Linden, New Jersey 07036, United States of America.

Inventor : Davis B. Dwinell.

Application for patent No. 669/Del/79 filed on 20th September, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A nestable molded plastic pouring spout having an annular sealing channel peripherially disposed at one end, an annular metal crimping ring overlying said spout sealing channel, said spout including a relatively flexible outer wall extending downwardly from said sealing channel, a relatively rigid exteriorly threaded inner wall connected to the lowermost end of said outer wall and concentrically nested therewithin when said spout is in stored position, an imperforate sealing membrane closing off the distal end portion of said spout inner wall, an integrally molded plastic cap having a top and an internally threaded depending skirt threadedly engaged on said spout inner wall, said cap top extending circumferentially of said skirt so as to close off the annular void between the nested spout inner and outer walls, retaining means on said cap top to prevent extension of said spout due to internal pressure, and gripping means on said cap for raising said spout to an extended pouring position.

Complete Specification 13 pages. Drawing one sheet.

Ind. Class : 128F 153009

Int. Class : A61 b 10/00

Title : DISPOSABLE BIOPSY NEEDLE.

Applicant & Inventor : DR. VINOD BABURAO SHIDHAM, L 87, VASANT NAGAR, NAGPUR-440022, MAHARASHTRA, INDIA.

Application No. : 296/BOM/1980. Filed Sep 24, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office, Bombay Branch.

1 Claim

1. A disposable biopsy needle comprising a main tubular body of a rigid transparent plastic material on the distal end of which there is fitted a metallic tubular bevelled needle having a tip, on proximal end of the said rigid tubing there is provided retracting means to pull the contents embedded in the hollow portion of the tubular main body, the said tube is internally coated with I.D.P., an annular thin wire loop provided on the internal periphery, free end of the said wire being connected to the said retracting means, the said wire loop and the free end being provided between the internal surface of the said rigid tubing and the L.D.P. coating, on the exterior surface of the main body there are provided markings in mm. and provided with a coating of calcium gluconate or such chemical to act as a coagulant to prevent trauma and bleeding complications; the said retracting means, when the biopsy needle is taken out the free ends, thereby collapsing the loop so as to trap the tissue in the L.D.P. coating which is thereafter pulled out.

Complete Specification 6 Pages, Drawings 1 Sheet.

CLASS 120B$_4$, 120B$_5$, 129G. 15310

Int. Cl. F 16 n 1/00.

DEVICE FOR APPLYING AND ALSO DRYING LIQUID LUBRICANTS ON A METALLIC MATERIAL TO BE MECHANICALLY WORKED.

Applicants : VEB SCHWERMASCHINENBAU-KOMBINAT ERNST THALMANN, 3011 MAGDEBURG, POSTFACH, 77, GERMAN DEMOCRATIC REPUBLIC.

Inventors : 1. HARRI WEINHOLD, 2. HEINZ-RUDIGER VOGEL, 3. BERNHARD KURZE, 4. JOACHIM SCHLEGEL, 5. DIETER RAUSCHENBACH, 6. ROLAND HERING, 7. PETER WERNER, 8. HEINZ WUNSCH.

Application No. 311/Cal/80 filed March 18, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

Device for applying and also drying a liquid lubricant on a metallic material to be mechanically worked, comprising a closed coating container arranged to accommodate a lubricant, said coating container forming a part of a closed lubricant, circuit and having inlet and outlet openings so that a metallic material passes through said coating container via said openings and the lubricant coats the metallic material whereupon the latter exists from the coating container through one of said openings, said coating container having a sieve located in the interior of the same and a granular material arranged above said sieve and in the region of said inlet and outlet opening, so that a lubricant collecting zone is formed below said sieve, said coating container also having a lubricant supply opening which opens into said granular material above said sieve, and a lubricant discharge opening which leads from said lubricant collecting zone below said sieve; means for removing the superfluous portion of lubricant which exists via said one opening without contacting the superfluous portion of said lubricant with outside air; a drying channel located downstream of said removing means and said coating container and arranged to pass the lubricant coated metallic material therethrough; means for urging air through the interior of said drying channel and connected with the latter; and means for disturbing the air in said drying channel.

Compl. specn. 15 pages. Drgs. 3 sheets.

CLASS 24D$_1$. 153011

Int. Cl. B 61 h 11/06.

FLUID PRESSURE BRAKE APPARATUS FOR A RAILWAY VEHICLE.

Applicants : AMERICAN STANDARD INC., OF 40 WEST 40TH STREET, NEW YORK, NEW YORK 10018, UNITED STATES OF AMERICA.

Inventor : 1. JAMES EDWARD HART.

Application No. 585/Cal/80 filed May 16, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

Fuid pressure brake apparatus for a railway vehicle operative responsively to variation of fluid pressure in a brake pipe of the vehicle comprising :

(a) a brake cylinder device including :

(i) a power cylinder;

(ii) a piston abutment in said power cylinder and cooperating therewith to form first and second chambers on opposite sides thereof;

(iii) a positioning cylinder having a diameter less than the diameter of said power cylinder;

(iv) a piston abutment in said positioning cylinder and cooperating therewith to form third and fourth chambers on the opposite sides thereof, said positioning cylinder piston abutment being connected with said power cylinder piston abutment so as to act cooperatively therewith;

(v) biasing means for urging said piston abutments in a brake release direction; and

(vi) means for providing flow of fluid pressure from said first chamber to said second chamber and for preventing flow of fluid pressure from said second chamber to said first chamber and

(b) a control valve device including :

(i) fluid pressure operative pilot valve means having a release position for charging said first and second chambers with fluid pressure carried in said brake pipe and for venting said third chamber when the fluid pressure in said brake pipe is increased, whereby said bias means is effective to move said piston abutment to a brake release position, and having an application position for supplying fluid pressure to said third chamber and for releasing fluid pressure from said first chamber when the fluid pressure in said brake pipe is decreased, to provide a pressure differential across said piston abutments acting in opposition to said biasing means to effect movement of said piston abutments to a brake application position, whereby braking forces are provided in accordance with the force differential thereon; and

(ii) transfer valve means for preventing said release of fluid pressure from said first chamber until said pistong abutments have moved to their said brake application position.

Compl. specn. 37 pages. Drgs. 2 sheets.

CLASS. 103, 144A, 144E, 153012

Int. Cl. C 23 f 7/00.

A METHOD OF TREATING A TINPLATE SURFACE TO PREVENT SULPHIDE STAINING.

Applicants : METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING RG1 3JH, BERKSHIRE, ENGLAND.

Inventor : 1. PETER JOHN HEYES.

Application No. 676/Cal/80 filed June 7, 1980.

Convention date 7th June, 1979 (7919793) 25th April, 1980 (13748/80) United Kingdom.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A method of treating a tin plate surface to minimize discolouration by Sulphur containing materials comprising the steps : wetting said surface with an aqueous solution, free of organic polymeric materials, of a zirconium compound as hereinbefore described at a concentration, calculated as ZrO_2, in the range between 0.1 and 10% w/w; and thereafter heating said surface to a temperature in the range between 20 and 300°C until said surface is dry to form a protective film thereon.

Compl. specn. 15 pages. Drgs. Nil.

CLASS 63C. 153013

Int. Cl. H 02 k 13/00.

BRUSH ASSEMBLY FOR DYNAMO ELECTRIC MACHINE.

Applicants : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventors : 1. THOMAS WILLIAM PICKFORD, 2.

ANTHONY JARVIS CHEW, 3. GRAHAM MAURICE LEEDER.

Application No. 916/Cal/80 filed August 11, 1980.

Convention date 10th August, 1979 (7927909) United Kingdom.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A brush assembly for dynamo electric machine comprising an electrically insulating plate having therein an aperture within which, in use, the commutator of an associated dynamo electric machine rotates, first and second closed ended slots in the plate, said slots communicaing at their open and with said aperture and extending outwardly from said aperture, first and second slots respectively, and first and second compression springs urging said first and second brushes along the length of their respective slots towards said aperture, each of said brushes being formed on opposite sides with longitudinally extending grooves within which the edges of said slots are received slidably to mount said brushes in said slots, characterized in that said plate and each said brush have respective surfaces which are interengageable when the brush is retracted against the action of the respective compression spring, and tilted relative to the plate, so that mutual engagement of said respective surfaces serves to latch the brush in a retracted position such that the brush will not impede the insertion of a commutator into said aperture, during assembly of a dynamo electric machine utilizing the brush assembly.

Compl. specn. 15 pages. Drgs. 2 sheets.

CLASS : 103. 153014

Int. Cl. C 23 c 1/08, C 23 f 9/02.

THERMALLY TREATED METALLIC COATED FERROUS BASE PRODUCT HAVING IMPROVED DUCTILITY AND METHOD OF MAKING PRODUCT.

Applicants : BETHLEHEM STEEL CORPORATION, OF BETHLEHEM, PENNSYLVANIA 18016, UNITED STATES OF AMERICA.

Inventors : 1. THEODORE TOROK, 2. PAIK SHIN, 3. ANGELO BORZILLO.

Application No. 1258/Cal/80 filed November 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method of producing a metallic coated ferrous base product, in particular an aluminum zinc alloy coated ferrous product to improve the ductility of the coating of the type described, said aluminium-zinc alloy coating comprising by weight, 25 to 70% aluminium, balance essentially zinc with a small addition of silicon characterized by treating the coated ferrous product by heating to a temperature between about 200°F (93°C) and 800°F (427°C) and holding at said temperature for a minimum of time as calculated by the following equation :

$$\text{Log } t = \frac{7102.4}{T} = 11{,}04$$

where t=time in seconds and T=heating temperature in OK; and cooling to ambient temperature to produce in the coating a hardness no greater than 115 VHN.

Compl. specn. 11 pages. Drgs. 1 sheet.

CLASS 103 153015

Int. Cl. C 23 c 1|08; C 23 f 9|02.

A METHOD OF PRODUCING A THERMALLY TREATED METALLIC COATED FERROUS BASE PRODUCT.

Applicants : BETHLEHEM STEEL CORPORATION OF PENNSYLVANIA 18016, UNITED STATES OF AMERICA.

Inventors : 1. LOUIS ALLEGRA, 2. HERBERT TOWNSEND AND 3. ANGELO BORZILLO.

Application No. 1259/Cal/80 filed November 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method of producing a thermally-treated metallic coated ferrous base product, in particular an aluminium-zinc alloy coated ferrous product to improve the corrosion resistance of the coating, the aluminium-zinc overlay having a two phase structure comprised of a matrix of aluminium rich dendritic material and zinc-rich interdendritic material characterized by heating said coated ferrous product to the dissolution temperature of at least one of the phase structures of said aluminium-zinc alloy to dissolve said zinc-rich phase of the aluminium-zinc alloy coating overlay, and cooling to at least 350°F (177°C) to precipitate during such cooling a fine dispersion of zinc-rich material and produce a coating overlay structure of a fine dispersion of zinc within an aluminium-rich matrix material.

Compl. Specn. 14 pages, Drgs. 3 sheets.

Specn.

CLASS 42C 153016

Int. Cl. A 24 f 13/06

PROCESS FOR PRODUCING A FILTERING STRUCTURE IN PARTICULAR FOR CIGARETTE FILTERS AND THE FILTERS PRODUCED BY SAID PROCESS.

Applicants : SOCIETE DITE : SOCIETE JOB ANCIENS ETABLISSEMENTS BARDOU JOB ET PAUILHAC, OF 13, RUE EMILE ZOLA 66004 PERPIGNAN, FRANCE.

Inventor : 1. FRANCOIS COQ.

Application No. 79/Cal/81 filed January 24, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Process for producing a filtering structure, in particular for cigarette filter, from a fibrous mass formed by a homogeneous mixture of fibres of different types, some being necessarily synthetic and thermofusible at a low melting point and possessing adhesive properties in the molten state and others being absorbent with respect to harmful products of tobacco smoke and stable at the melting temperature of the thermofusible fibres, said fibrous mixture being shaped into a cylindrical rod which is in a not yet coherent state but homogeneous state and comprises fibrous networks which are closely imbricated relative to each other said process comprising employing at least 25 percent thermofusible fibres relative to the absorbing fibres, bringing the fibrous mixture to a temperature of e.g. 115°C to 135°C, which leaves the absorbent fibres inact but is sufficiently high for melting and fluidifying all the thermofusible substance which was initially present in the form of fibres and is converted into fine droplets dispersed in the network of absorbent fibres, thereby creating, by this conversion, on one hand, multiple connections at the crossing points of the absorbent fibres which remain stable and, on the other hand, a network of pores which intercommunicate in all directions and are constituted by the spaces left empty upon the melting of the thermofusible fibres.

Compl. specn. 13 pages. Drgs. Nil.

Class. 9F 153017.

Int. Cl. C 22 d 7/00.

METHOD OF PRODUCING MAGNETIC ANISOTROPY IN AN ALLOY.

Applicants : WESTERN ELECTRIC COMPANY, INCORPORATED OF 222 BROADWAY, NEW YORK CITY, NEW YORK STATE, UNITED STATES OF AMERICA.

Inventor : SUNGHO JIN.

Application No. 96/Cal/81 filed January 29, 1981.

Convention date 19th February, 1980 (8005557) United Kingdom.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) patents Office, Calcutta.

18 Claims.

A method of producing magnetic anisotropy in an alloy selected from Cu-Ni-Fe, Cu-Ni-Co, Fe-Al-NI, Fe-Al-Ni-Co and Fe-Cr-Co, such alloy having a characteristic temperature, such that the alloy is in a solid, non-magnetic or weakly magnetic predominantly single phase state at temperatures above the characteristic temperature, and such that the alloy is in a multi-phase state at temperatures below the characteristic temperature, said multiphase state comprising at least one strongly magnetic phase and at least one non-magnetic or weakly magnetic phase, said method comprising the steps of developing in said alloy particles of the strongly magnetic phase by controlled lowering of temperature of the alloy from above the characteristic temperature to below the characteristic temperature, and developing the magnetic anisotropy by subjecting the alloy to a plastic deformation which results in a cross-sectional area reduction of at least 30 percent while the temperature of said alloy is below the characteristic temperature.

Compl. specn. 20 pages. Drgs. 3 sheets.

Class. 145D 153018.

Int. Cl. B 65 h 17/00.

A PAPER WEB PROCESSING APPARATUS AND METHOD OF PROCESSING THE PAPER WEB.

Applicants : BELOIT CORPORATION, P.O. BOX 350, BELOIT, WISCONSIN 53511, U.S.A.

Inventor : 1. GEORGE LESLIE DREHER.

Application No. 253/Cal/81 filed March 9, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) patents Office, Calcutta.

17 Claims.

In a paper web processing apparatus, wherein a paper web travels continuously from a supply to a disposition point, the combination comprising :

supporting structure;

a rotary breaker roll mounted in an operatively stationary location on said supporting structure;

a rotary size press roll mounted in an operatively stationary location on said supporting structure substantially spaced from said breaker roll;

a rotary intermediate roll located between, and of a diameter less than the spacing between, said braker roll and said press roll;

means shiftable mounting said intermediate roll on said supporting structure within alternate nipping range relative to said breaker roll and said press roll;

means for guiding the paper web to run selectively through the nip of said breaker and intermediate rolls or through the nip of the size press and intermediate rolls;

means for actuating said mounting means for selectively alternately shifting said intermediate roll into nipping relation with either said breaker roll or said size press roll;

and means for applying sizing material to the paper web while running through the nip of said intermediate and size press rolls.

Compl. Specn. 15 pages, Drgs. 2 sheets 153019.

Class. $68E_1$, 69D.

Int. Cl. G 05 f 1/00, H 01 h 45/00, 50/00, 51/00

IMPROVEMENTS IN OR RELATING TO REVERSE POWER RELAY.

Applicants and Inventor : RATAN SINGH, OF 19, RUP NARAYAN NANDAN LANE, CALCUTTA-700025.

Application No. 294/Cl/81 filed March 18, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A reverse power relay for alternators connected to common bus bars and arranged to run in parallel, comprising a coil and a metal disc on a spindle supported rotatably on bearings, a voltage or pressure coil and a current coil arranged to induce voltages proportional to the voltage in one phase of an alternator and to current in that phase respectively in the said disc, the said coils being so connected that the current in the current coil leads the current in the voltage or pressure coil, the said disc being normally held against rotation by a control spring and being adapted to rotate when the directions of flow of currents in the said phase and the current coil are reversed and to close a pair of contacts to energise the relay which in turn is adapted to close one or more contacts in the trip circuit of the circuit breaker or other switch gear connecting the alternator to the common bus bars.

Compl. specn. 8 pages. Drgs. 1 sheet.

Class. 180 153020.

Int. Cl. F 24 c 5/04.

IMPROVEMENTS IN OR RELATING TO MULTIWICK STOVES.

Applicants & Inventor : VINODRAI VANRAVANDAS BARCHHA OF FLAT NO. 9B, (9TH FLOOR), NEEL KAMAL, 41, ELGIN ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA.

Application No. 348/Cal/81 filed March 30, 1981.

Complete Specification left 11th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A multiwick stove of the type wherein the top cover ring has a central upwardly extending nozzle characterised in that said nozzle is slightly converging upwardly and has a curvature at the point where nozzle is commenced to be formed in said ring, the height of the nozzle being kept minimum, 5 to 8 mm.

Prov. Specn. 4 Pages

Compl. Specn. 6 Pages. Drgs. 1 sheet.

Class. 180. 153021.

Int. Cl. F 24 c 5/04

IMPROVEMENTS IN OR RELATING TO MULTI-WICK LIQUID FUEL SUCH AS KEROSENE STOVES.

Applicants & Inventor: VINODRAI VANRAVANDAS BARCHHA OF FLAT NO. 9B, (9TH FLOOR), NEEL KAMAL, 41, ELGIN ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA.

Application No. 349/Cal/81 filed March 30, 1981.

Complete Specification left 11th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A multiwick liquid fuel, such as kerosene stove comprising a fuel tank, multiwick burner connected to fuel tank, perforated outer and inner sleeves resting upon the burner to provide combustion space and heat conserving combustion cylinder of ring surrounding said outer sleeve characterised in that the body of the fuel tank is made out of sheet metal having embossed rings at bottom face and is seamed at the upper edge, top cover of the said tank being also embossed and has upwardly sloping surface.

Prov. Specn. 3 Pages.

Compl. specn. 7 pages. Drgs. 1 sheet.

Class. 69-0. 153022.

Int. Cl. H 01 h 1/00.

CONTACT DEVICE FOR A SWITCH.

Applicants: WEBER AG FABRIK ELEKTROTECHNISCHER ARTIKEL UND APPARATE, SEDELSTRASSE 2, 6020 EMMENBRUCKE, SWITZERLAND.

Inventor: 1. HERBERT WIRTH.

Application No. 538/Cal/81 filed May 22, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A contact device in a switch, more particularly a circuit breaker, comprising a moving spring-biased contact level having at one end a contact zone for an associated stationary contact element and being pivotally supported at its other end on pin means of a tripping system which when tripped displaces said pin means in a direction transverse to the longitudinal direction of the contact lever, a stop for the contact lever being disposed between the two ends and serving to pivot such lever around the stop upon a movement of the supported end of the contact lever and thus to disengage the contact zone of the contact lever from the stationary contact element, characterised in that the stop has at least two abutment areas for the contact level, such areas being at different distances from the supported end of the contact lever, starting from a position in which its contact zone is in engagement with the stationary contact element moves into engagement first with the stop abutment area which is the most remote form the supported end, and then before termination of its movement, comes into engagement with the second stop abutment area which is located closest to the supported end, a compression spring supported on a housing part and acting on the contact lever at a point located between the end of the contact lever supported on the pin means and the stop abutment area located closest to said end.

Compl. specn. 13 pages. Drgs. 1 sheet.

Class: 28A. 153023.

Int. Class: B23d 11/00.

"MULTISTAGE ATOMISING BURNER".

Applicant: Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors: HARISH KUMAR MADAN, TRILOK NARAIN SINGH & PREM NATH BHAMBI.

Application for patent No. 599/Del/79 filed on 22nd August, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims.

A multistage atomising burner comprising a fuel line and primary air/steam line, optionally having a secondary air line, nozzle at outlet of said fuel line and swirler near outlet end of said primary air/steam line characterised in that said nozzle is a swirling nozzle and at out let of said primary air/steam line there is provided a high velocity, as herein defined, air cone, referred to as primary sonic cone, said swirling nozzle opens into said primary sonic cone; said swirling nozzle and said primary cone constituting the fuel mixing system wherein the fuel first gets atomised by said swirling nozzle and the so atomised oil gets further atomised to finer droplets by the impingement of primary air/steam in the primary sonic cone which latter surrounds said nozzle, the said primary sonic cone opening, when the secondary air line is employed, into a zone where secondary air emerges, referred to as secondary air zone.

(Complete specification 12 pages. Drawing 2 sheets).

Class: 163D. 153024.

Int. Class: F01c 1/00.

"SCREW ROTARY PISTON MACHINE"

Applicant: EDOUARD KLAY OF Primevers 52, CH-2800 Delemont, Switzerland and JOHANN BEYELER of St. Niklaus 17, CH-3271 Bellmund, Switzerland, both Swiss citizens.

Inventor: EDOUARD KLAY AND JOHANN BEYELER.

Application for patent No. 611/Del/79 filed on 29th August 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A screw rotary piston machine for compressing or expanding a medium fed therein, comprising at least two rotors arranged on parallel axes, said rotors each comprising at least one spiral slot which meshes with a correspondingly shaped spiral projection of the other rotor and which increases or reduces in volume per unit length of the rotor over a part of the length of the latter, a casing enclosing said rotors and comprising at least one inlet and at least one outlet opening, each said spiral slot being of stepped configuration and comprising a plurality of helically arranged intercommunicating recesses each of which, with reference to a plane perpendicular to the rotary axis of the rotor, is of part-circular cross-section and each said spiral projection being correspondingly step-shaped to provide a plurality of adjacent part-circular projections so arranged that each meshing pair of said recesses and projections make rolling contact in the plane common to the rotary axes of said rotors during rotation of the latter and define between themselves and the housing a space of cyclically varying volume such that the medium between the rotors passes axially through the spiral slot from the or a said inlet to the or a said outlet whilst being compressed or

expanded as the case may be, and each said spiral slot further being so shaped that the first turn thereof adjacent the respective inlet and the last turn thereof adjacent the respective outlet are each of substantially constant cross-section in a plane perpendicular to the rotary axis of the rotor.

(Complete specification 10 pages, Drawing 4 sheets).

Class : $32F_2(a)$. 153025.

Int. Class : C07c 79/36.

"A process for the preparation of the 5-and 6-nitro derivatives of 1, 2, 3, 4-tetrahydro-anthraquinone from 1, 2, 3, 4-tetrahydro-9, 10-anthracene-dial".

Applicant : PRODUITS CHIMIQUES UGINE KUHLMANN, a French company, of Tour Manhattan-La Defense 2, 5, & 6, Place de l' Iris, 92400 Courbevoie, France.

Inventors : Serge Delavarenne and Pierre Tellier.

Application for patent No. 666/Del/79 filed on 20th September, 1979.

Approprite office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims.

A process for the preparation of the mononitro derivatives in positions 5 or 6 of 1, 2, 3, 4-tetrahydro-anthraquinone, in which 1, 2, 3, 4-tetrahydro-9, 10-anthracene-diol is subjected to a nitration by means of concentrated nitric acid or mixtures of concentrated nitric and sulphuric acids.

(Complete Specification 8 Pages).

Class : 32F2(a). 153026

Int. Class : C07c 79/36.

"A process for the preparation of the 5-and 6-nitro derivatives of 1, 2, 3, 4-tetrahydro-anthraquinone from 1, 2, 3, 4, 4a, 9a-hexahydro-9, 10-anthracene-dione."

Applicant : PRODUITS CHIMIQUES UGINE KUHLMANN, a French company, of Tour Manhattan-La Defense 2, 5, & 6, Place de l' Iris, 92400 Courbevoie, France.

Inventors : Serge Delavarenne and Pierre Tellier.

Application for patent No. 667/Del/79 filed on 20th September, 1979.

Approprite office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Clamis.

A process for the preparation of the mononitro derivatives in positions 5 or 6 of 1, 2, 3, 4-tetrahydro-anthraquinone, in which the 1, 2, 3, 4, 4a, 9a-hexahydro-9, 10-anthracene-dione is subjected to nitration by means of concentrated nitric acid or mixtures of concentrated nitric acid and sulphuric acid.

(Complete Specification 9 pages).

Class : $64B_3$. 153027.

Int. Class : H01h 1/38.

"ELECTRICAL CONNECTOR".

Applicant : THE BENDIX CORPORATION, a corporation organized and existing under the laws of the State of Delaware, and having an office at Executive Offices, Bendix Centre, Southfield, Michigan 48076, United States of America.

Inventor : ALAN LESLIE SCHILDKRAUT.

Application for patent No. 680/Del/79 filed on 24th September, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1979) Patent Office Branch, New Delhi-110005.

7 Claims

An electrical connector member adapted to be mated to a second connector member comprising : a shell having an external periphery, a coupling nut fitted on said shell so as to rotate on said external periphery, at least one through hole being in the wall of said coupling nut, characterized by at least one detent recese disposed in said external periphery and by a detent member carried by said coupling nut and having a detent means adapted to detent into and out of said detent recess when said coupling nut is rotated on said external periphery and including biasing means for urging said detent means inward toward said periphery, said detent means having an outward extension loosely projecting into the through hole in the wall of said coupling nut whereby said detent means is positioned in said coupling nut, said extension being of such length as to be felt by an operator manually rotating said coupling nut on said external periphery as said detent means detents into said detent recess.

(Complete Specification 9 pages, Drawing 2 sheets).

Ind. Class : $32F_2b + 55E_1$ 153028.

Int. Class : Co7d — 57/00 + A61K — 27/00.

Title : A61K PROCESS FOR THE PREPARATION OF NOVEL PHARMACOLOGICALLY ACTIVE 3-ALKYL-2-IMINO (AMINOPROPANLOXY)- 3, 4, 6, 7 TETRAHYDRO-2H — PYRIMIDO (6, 1-a) ISOQUINOLIN-4-ONES AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.

Applicant : HOECHST PHARMACEUTICALS LIMITED, OF HOECHST HOUSE, MARIMAN POINT, 193 BACK-BAY RECLAMATION, BOMBAY-400 021, MAHARASHTRA, INDIA.

Inventors : DR. BANSI LAL, DR. ALIHUSSAIN NOMANBHAI DOHADWALLA, MR. VIJAY ATARAM AROSKAR, DR. NANDKUMAR KESHAVRAO DADKAR, DR. HORST DORNAUER, MR. JULIUS ANTHONY MASCARENHAS & DR. JOHN DESOUZA.

Application No. 173/Bom/1980. Filed Jun 20, 1980.

Complete after provisional left on Apr 28, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch Bombay.

5 Claims.

1. A process for the preparation of novel pharmacologically active 3-alkyl-2-imino-9/10-(aminopropanloxy)-3, 4, 6, 7-tetrahydro-2*H*-pyrimide (6, 1-a) isoquinolin-4-ones of the formula I shown in the drawings accompanying the provisional specification, in which A stands for -NR4R5 or -NR4 wherein each of R4 and R5 is selected from the Group consisting of hydrogen, lower alkoxy, amino, alkylamino dialkylamino, acylamino, nitrogen heterocyclic residue, alkyl, cycloalkyl, dialkylaminoalkyl, aralkyl, heterocyclically substituted alkyl and aryl; R^4 and R^5 when taken together with the nitrogen atom to which they are bound form an optionally substituted nitrogen heterocycle possibly containing a further nitrogen or oxygen atom; R^6 stands for hydrogen, or C_1-C_6 linear or branched alkyl including cycloalkyl when A stands for - NR^4, one of X and Y stands for C_1-C_6 linear or branched alkyl and the other stands for -$CH_2CH(OR^1)CH_2NR^2R^3$, wherein R^1 is hydrogen and -NR^2R^3 has the same meanings as -NR^4R^7 defined above and their pharmaceutically acceptance salts, which process comprises reacting a compound of the formula II shown in the drawings accompanying the provisional specification, in which A and R^6 are as defined above and one of X and Y stands for hydrogen and the other stands for C_1-C_6 linear or branched alkyl, with an epihalohydrin of the formula III shown in the drawings accompanying the provisional specification, in which Z stands for a halogen atom for example, bromine, in the presence of a base, for example potassium carbonate or sodium hydride and a solvent such as herein described, and, if required under heating to the boiling point of the solvent an separating the resulting product in a known manner and treating the resulting product with a compound of the formula IV shown in the drawings accompanying the provisional specification, in which R^8 and R^9 have the aforementioned meanings to pro-

vide a compound of the said formula I and, if desire, converting the compound of the said formula I into a pharmaceutically acceptable salt such as herein described in known manner.

Complete Specification 13 Pages, Drawing Nil.

Provisional Specification 10 Pages, Drawing 3 Sheets.

Ind. Cl 32D + 55 D2 153029.
Int. cl. A01 n 9/00 17/00

A PROCESS FOR THE MANUFACTURE OF ZINC DIMETHYL DITHIOCARBAMATE.

Applicant : HINDUSTAN CIBA GEIGY LIMITED OF AAREY ROAD GOREGOAN EAST BOMBAY-400 063, MAHARASHTRA STATE INDIA AN INDIAN SUBSIDIARY OF THE SWISS COMPANY CIBA GEIGY LIMITED BASLE SWITZERLAND.

Inventors : 1. PANCHANAN MITRA. 2. PANDURANG NARAHARI DHOND. 3. PULLISSERY RAGHU NANDAN.

Application No. 388/Bom/80. Filed on Dec 16, 1980.

Complete specification after provisional left on Feb 2, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch Bombay.

5 Claims.

1. A process for the manufacture of zinc dimethyl dithiocarbamate, said process consisting of reaction of an aqueous solution of sodium dimethyl dithiocarbamate with an aqueous solution of zinc sulphate heptahydrate in stoichiometric proportions in the presence of water under stirring, characterised in that said reaction is carried out in the presence of a viscosity modifier such as herein described.

Prov. specn. 15 pages drags. nil.

Comp. specn. 10 pages drags nil.

Ind. Class : 45A & E + 173A 153030.

Int. Class : BO5b — 1/00, + A61h — 9/00

Title : INTERMITTENT SHOWER BATH UNIT.

Applicant : BETER AUTOKITS PRIVATE LIMITED (COMPANY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT) OF MATHURDAS VASANJI ROAD MAROL NAKA, ANDHERI (EAST), BOMBAY-400 059, STATE OF MAHARASHTRA, INDIA.

Inventor : JAYENDRA KARSANDAS SHAH.

Application No. 393/Bom/80. Filed on Dec. 19, 1980.

Complete after provisional filed on March 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch Bombay.

10 Claims.

1. An intermittent shower bath unit comprising a hollow housing having a fluid inlet and a first and a second group of fluid spray discharge outlets; means in said housing defining first and second flow passages in said housing extending from said inlet respectively to said first and said second groups of discharge outlets; a rotary valve member mounted for rotation in said first flow passage operable when rotated to cyclically interrupt flow from said inlet to said first group of outlets and cause a pulsating fluid spray to be discharged there from; blade means on said valve member for driving said valve member in rotation at a rate proportional to the rate of flow of fluid through said first flow passage; said second flow passage bypassing said value member and communicating directly with said second group of outlets whereby fluids flowing through said second flow passage is discharged from said second group of outlets in continuous streams; and control means for adjustably dividing flow from said inlet between said first and said second passages.

Provisional Specification 3 Pages. Drawing Nil.

Complete Specification 21 Pages. Drawing 2.

Class 55 E_1 153031.

Int. Cl. A61 k 23/00

PROCESS FOR PREPARATION OF ANTI LEPROSY VACCINE.

Applicant : RESEARCH DIRECTOR CANCER RESEARCH INSTITUTE TATA MEMORIAL CENTRE PAREL BOMBAY-400 012, MAHARASHTRA, INDIA.

Inventors : 1. DR. CHANDRASEKHAR R. VISHNU BAPAT, 2. DR. MADHAV GAJANAN DEO.

Application No. 141/Bom/81. Filed May 16, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch Bombay.

5 Claims.

1. A process for the preparation of anti leprosy vaccine which comprises treating JCRC bacilli Strain C-44 with a buffer saline solution of the kind such as herein described, separating by any known means the treated bacilli and subjecting said bacilli to gamma radiation so as to inactivate any live bacteria while maintaining without alteration the antigenic charateristics of the bacilli.

Comp. specn. 15 pages, Drags. nil.

Class : 94G. 153032.

Int. Cl. B 02 c 9/00, 19/00.

METHOD OF DRY GRINDING A GRANULAR MATERIAL AND APPARATUS THEREFOR.

Applicants : F. L. SMIDTH & CO. A/S., OF 77, VIGERSLEV ALLE, DK-2500 VALBY, COPENHAGEN, DENMARK.

Inventors : 1. OLE STEEN RASMUSSEN, 2. PETER LUND.

Application No. 1360/Cal/79 filed December 29, 1979.

Convention date 29th December, 1978 (50281/78) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

21 Claims.

A method of dry grinding a granular material in a grinding tube mill having a final and one or more preceding grinding compartments containing grinding bodies, in which the material, after having passed through the preceding compartment or compartments, is discharged through openings in the mill and is divided into a fine and a coarse fraction by a separation process; the coarse fraction being returned to the preceding compartment or compartments, and the fine fraction being fed to the final compartment; wherein the ground material is discharged by overflow form the final compartment, any grinding bodies carried with the overflow being separated from the material and returned to the final compartment.

Compl. specn. 25 pages. Drgs. 5 sheets.

CLASS 32F₂(a) 153033

Int. Cl. C 07 c 47/00.

A HYDROFORMYLATION PROCESS FOR THE PRODUCTION OF n-VALERALDEHYDE.

Applicants : DAVY McKEE (LONDON) LIMITED (FORMERLY DAVY McKEE (OIL & CHEMICALS) LIMITED) OF 250 EUSTON ROAD, LONDON, NW1 2 PG, ENGLAND (FORMERLY OF POWERGAS HOUSE, 8 BAKER STREET, LONDON, W1M 1DA, ENGLAND).

Inventors : 1. NORMAN HARRIS, 2. ALAN JAMES DENNIS, AND 3. THOMAS FREDERICK SHEVELS.

Application No. 331/Cal/80 filed March 21, 1980.

Convention date 21st March, 1979 (10012/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A hydroformylation process for the production of n-valeraldehyde which comprises contacting a C_4-olefin feedstock with carbon monoxide and hydrogen in a hydroformylation zone in the presence of a catalytic quantity of a rhodium complex catalyst, said C_4-olefin feedstock comprising butene-1 and at least one other C_4-olefin selected from *cis*-butene-2, *trans*-butene-2, and *iso*-butylene and said rhodium complex catalyst comprising rhodium in complex combination with carbon monoxide and a triorganophosphide ligand prepared in the manner such as herein described and in the presence of at least 100 moles of free triorganophosphine ligand per gram atom of rhodium, at a temperature in the range of from 80°C to 130°C, and at a total pressure of not more than 50 kg/cm² absolute, the partial pressure of carbon monoxide being less than 1.5 kg/cm² absolute and the partial pressure of hydrogen being in the range of from 1.5 to 7.5 kg/cm² absolute, and recovering from the hydroformylation zone unreacted C_4-olefins and n-valeraldehyde.

Compl. specn. 40 pages. Drgs. 1 sheet.

CLASS 32E. 153034

Int. Cl. B 29 d 9/00, 27/00; C 08 f 35/00.

A METHOD FOR THE PRODUCTION OF FOAMED PHENOLIC RESINS.

Applicants : COMPANY "A" (FOAM) LTD., OF LINWOOD HOUSE, 24-32 KILBURN HIGH ROAD, LONDON, N. W. 6. 5UJ, ENGLAND.

Inventors : 1. ALDINO ALBERTELLI, 2. LOTHAR MICHAEL HOHMANN, 3. ANTHONY NOEL CURTIS.

Application No. 360/Cal/80 filed March 28, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims

A method for the production of a foamed phenolic resin, the method comprising :

(i) in the absence of blowing agent effecting a curing reaction between :

(a) a liquid phenolic resole having a reactivity number (as herein defined of at least 1) and

(b) a strong acid hardener for the resole, in the presence of

(c) a finely divided inert and particulate solid as herein defined which is insoluble in the resole, is present in an amount of at least 20% by weight of the liquid resole and is substantially uniformly dispersed through the mixture of resole and hardener;

the temperature of the mixture containing resole and hardener due to any applied heat not exceeding 85°C and the said temperature and the concentration of the acid hardener being such that at least one compound present in the resole or generated as a by-product of the curing reaction is volatilised within the mixture before the mixture sets, and

(ii) obtaining a foamed phenolic resin product having a cellular texture of substantially uniform cell size.

Compl. specn. 55 pages. Drgs. Nil.

CLASS 32₂ (b) 153035

Int. Cl. C 07 d 41/06.

AN IMPROVED METHOD FOR THE PURIFICATION OF FIBER GRADE RAW CAPROLACTAM WHICH CONTAINS AS IMPURITIES ONE OR MORE PRIMARY AMIDES.

Applicants : SNIA VISCOSA S. P. A. SOCIETA NAZIONALE INDUSTRIA APPLICAZIONI VISCOSA, VIA MONTEBELLO 18, MILANO, ITALY.

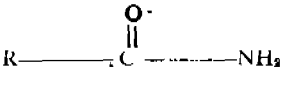
Inventors : 1. PAOLO SENNI, 2. DOMENICO ASTARITA.

Application No. 513/Cal/80 filed May 3, 1980.

Appropriate office for opposition pr
Patents Rules, 1972) Patent Office, Cal

9 Claims.

An improved method for the purification of fiber grade raw caprolactam, which contains as impurities one or more primary amides according to general formula 1 :



(I)

wherein R is a hydrocarbon radical having from 1 to 14 carbon atoms, and other by-products as secondary amides, lactones, resinous by-products, characterized by the fact that the following operations are carried out in the order indicated herein below :

(a) a solution of from 7 to 15% by weight of said raw caprolactam in an organic solvent thereof, which is substantially insoluble in water e.g. toluene, is treated with water in an extraction system either discontinuous one by separatory funnel or continuous one by counter-current column as to extract the greater part of the caprolactam in purified form;

(b) the aqueous caprolactam solution is separated and the major portion of caprolactam is isolated by known methods;

(c) the remaining solution of the organic solvant which contains some amount of the caprolactam primary amides and by-products as seconday amides, lactones, resinous by-products, is treated with an aqueous solution of a mineral acid having a concentration of 60—90% by weight with respect to the aforesaid organic solvent and causing the formation of two separate phases;

(d) the two phases of the mixture which has formed, are separated into a heavy phase, containing the mineral acid, and at least 10% of all the amides according to general formula I and said by-product, and a light phase containing said organic solvent and any remaining portion (less than 10%) of the amides and the by-products;

(e) said light phase is recyled to (a) for the extraction of greater parts of caprolactam.

Compl. specn. 11 pages. Drgs. Nil.

CLASS 186F & 191. 153036

Int. Cl. B 41 j 29/00.

DATA TRANSFER APPARATUS FOR TYPEWRITER. TELEPRINTER OR DATA PRINTER.

Applicants : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. THOMAS EGEY, 2. HARALD SENDLINGER.

Application No. 623/Cal/80 filed May 27, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Apparatus for the transfer of data from inputs to outputs in a typwriter, teleprinter or data printer, said apparatus including input units and output units and a common line providing connection paths each between at least one of the input units and at least one of the output units, each of the connection paths including a respective buffer store, the buffer stores being selectively and alternatively operable for intermediate storage to enable substantially simultaneous data transfer between more than one of the input units and more than one of the output units via a plurality of the connection paths.

Compl. specn. 11 pages. Drgs. 2 sheets.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the officer/in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta.

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AMENDMENT PROCEEDINGS UDER SECTION 57

Notice is hereby given that Yokogawa Hokushin Electric Corporation, a corporation organized under the laws of Japan and located at 9—32 Nakacho 2—chome, Musashino—Shi. Tokyo, Japan have made an application under Section 57 of the Patents Act, 1970 for amendment of application, specification and drawings of their Patent application No. 152723 for "capacitor-type differential pressure transmitter system. The amendments are by way of changing name from 'Yokogawa Electric Works, Ltd., to "Yokogawa Hokushin Electric Corporation". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

RENEWAL FEES PAID

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150535 150575 150579 150600 150663 150691 150693 150729 150731 150828 150842 150849 150923 150925 150933 150990 151001 151010 151011 151016 151059 151063 151076 151080 151081 151098 151100 151101 151103 151105 151152 151154 151156 151160 151163 151189 151190 151191 151192 151194 151197 151202 151209 151214 151216 151218 151219 151223 151224 151225 151270 151280 151307 151316 151334 151335 151336 151340 151343 151351 151354 151387 151547 151548 151549

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 153493. Pressure Cookers & Appliances Ltd., of F-101, Maker Towers, P.O. Box-16083. Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company "Lid for a pressure cooker". 22nd October, 1983.

Class. 1. No. 153435. Pressure Cookers & Appliances Limited of F-101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an ndian Company." "Separator for a Pressure cooker". 3rd September, 1983.

Class. 1. No. 153436. Pressure Cookers & Appliances Limited of F-101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company. "Lid handle bar for pressure cooker". 3rd September, 1983.

Class. 1. No. 153437. Pressure Cookers & Appliances Limited of F-101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company. "Pressure Control lever for pressure cooker". 3rd September, 1983.

Class. 1. No. 153438. Pressure Cookers & Appliances Limited of F-101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company. "Pressure Cooker pot". 3rd September, 1983.

Class. 1. No. 153433. Pressure Cookers & Appliances Limited of F-2 101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company. "Rack for a Pressure cooker". 3rd September, 1983.

Class. 1. No. 153562. Silver Spark Private Limited, (A Company incorporated under the Indian Companies Act) C-66, Anand Niketan, New Delhi-110021, India An Indian Company. "Electronic gas Lighter". 12th October, 1983.

Class. 3. No. 153434. Pressure Cooker & Appliances Limited, of F-101, Maker Towers, Cuffe Parade, Bombay-400005, Maharashtra State, India, an Indian Company. "Gasket for a Pressure cooker". 3rd September, 1983.

Class. 3. No. 153909. Metal Box P.L.C., of Queen House Forbury Road, Reading, Berkshire, England, a British Company, "a Bottle". 27th December, 1983.

Class. 3. No. 153910. Metal Box P.L.O., Queen House, Forbury Road, Reading, Berkshire. England, a British Company. "a Bottle". 27th December, 1983.

Class. 3. No. 153943. Trend Pack, an Indian Sole Proprietary Firm of 4, Arvind Commercial Building, (Arvind Engg. Co.) 1st Floor, Sun Mill Compound, Lower Parel, Bombay-400 013, State of Maharashtra, India, "POUCH". 6th January, 1984.

Class. 3. No. 153944. Trend Pack, an Indian Sole Proprietary Firm of 4, Arvind Commercial Building, (Arvind Engg. Co.), 1st Floor, Sun Mill Compound, Lower Parel Bombay-400 013, State of Maharashtra, India, "POUCH". 6th January, 1984.

Class. 3. No. 153958. Navbharat Radio Agencies, 350, Lamington Road, Bombay-400007, State of Maharashtra, an Indian Partnership firm. "Transistor". 16th January, 1984.

Class. 12. No. 154194. Hindustan Cocoa Products Limited, Incorporated in India, 19 Bhulabhai Desai Road. Bombay-400 026, State of Maharashtra, India, "Chocolate Bars". 21st March, 1984.

EXTN. OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS.

Nos. 153260, 153507, 153502, 148773, 153511. ..	Class-1.
Nos. 153506, 153512, 148193. ..	Class-3.
No. 148948. ..	Class-4.

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